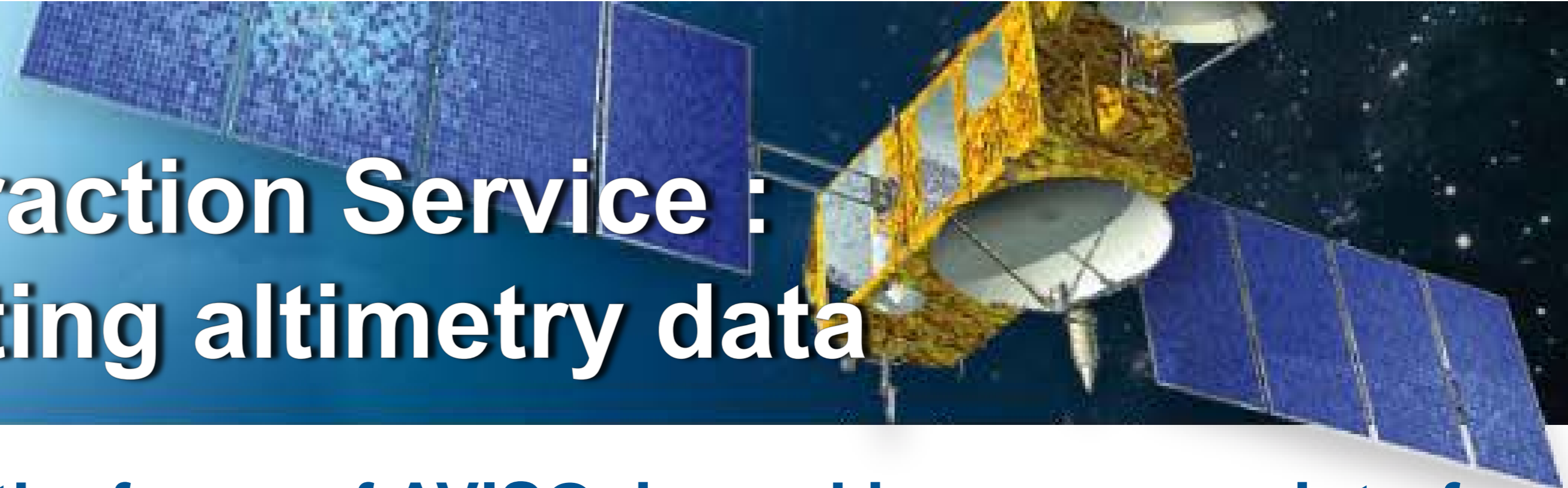# AVISO

Aviso Online Data Extraction Service : a new way of disseminating altimetry data

CNES, in cooperation with LEGOS/CTOH and CLS, in the frame of AVISO, is working on a new interface to download altimetry data in an interactive frame.

Context /Rationale

⟋ most altimetry users don't need the complete datasets (either or both in content or area covered) (cf SLOOP user survey), including for regional, hydrological, wind/wave applications while few "easy-to-use" datasets exist for those.

⟋ updates of GDRs are done when sufficient modifications must be made, but interesting alternate corrections exist in the meantime

⟋ A lot of interesting things done in Toulouse, with not always sufficient visibility from the outside

The interface

⟋ extraction based on LEGOS/CTOH solution

⟋ built on open-source solution and standardized protocols, GUI used and proven for imagery data

⟋ possibility of using command-line mode (to use within a script)

⟋ showing theoretical ground tracks (depending on the missions/phases chosen), to be able to better select the right area

⟋ download after extraction "on-the-fly" (no delay)

slider

Text box / calendar

3/ Time period selection →
2/ Mission / phase selection →
1/ Product selection →

Checking before listing files

Theoretical ground tracks for the chosen product/mission/phase

Select your area (or choose the whole coverage)

Location map

"FTP"

On the fly extraction of data when downloading

On the fly production of previews when downloading

Temporal/geographical/parameters extraction
Up-to-date corrections
Officials, coastal & regional (from level2) products available

Demonstration on CNES booth during Venice conferences' coffee breaks
Users' feedback needed!

Data & products

Demo version (Sept. 2012)

⟋ One year of Jason-2 derived along-track data

⟋ A variety of datasets: GDRs, CTOH's regional Xtrack, AVISO's DUACS & PISTACH, CLS Calval database alternate corrections

⟋ not yet extraction by parameter

⟋ local demonstration : need of users'feedback

Operational version (2013)

⟋ From Geosat to Jason-2 (… Saral)

⟋ All current Aviso data, plus CTOH, plus…

⟋ A variety of data: GDRs, CTOH's regional Xtrack, AVISO's DUACS & PISTACH, CLS Calval database alternate corrections

⟋ Extraction by parameter(s)

⟋ on line version

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cnes CENTRE NATIONAL D'ÉTUDES SPATIALES

LEGOS   CTOH   CLS COLLECTE LOCALISATION SATELLITES